

5 WHAT IS CLAIMED IS:

1. A method of processing data, comprising:

receiving plural sets of data corresponding to respective digital assets;

10 receiving continuous stream media data for one or more of the digital assets;

processing the sets of data to extract particular information from the data, and writing the extracted information to a data file;

compressing the continuous stream media data; and

5 assembling the digital assets, compressed data, and the data in the data file into an executable file.

20 2. The method of claim 1, further including designating one of the files to be opened when the executable file is extracted.

3. The method of claim 1, further comprising collecting timing information from the respective assets, and wherein assembling includes assembling the timing information.

25 4. The method of claim 1, wherein receiving the data comprises receiving the data from a disk.

5. The method of claim 1, wherein receiving the data comprises receiving the data from an author.

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5           6.    The method of claim 1, wherein receiving the data  
comprises receiving the data over a communication network.

10           7.    The method of claim 1, wherein compressing the data  
comprises compressing the data using a compression format selected  
by an author.

            8.    The method of claim 1, wherein receiving plural sets of  
data comprises receiving data for insertion into respective screen  
slides.

            9.    The method of claim 1, wherein receiving plural sets of  
data comprises receiving data for insertion into a spread sheet.

20           10.   The method of claim 1, wherein receiving plural sets of  
data comprises receiving plural video clips.

            11.   The method of claim 1, wherein receiving continuous  
stream media clips comprises receiving audio clips.

25           12.   The method of claim 1, wherein receiving continuous  
stream media clips comprises receiving video clips.

            13.   The method of claim 1, wherein receiving continuous  
stream media clips comprises receiving clips of animation.

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5           14. The method of claim 1, wherein receiving continuous stream media clips comprises receiving audio and video clips.

          15. The method of claim 1, wherein receiving continuous stream media clips comprises receiving telemetry clips.

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          16. The method of claim 1, wherein processing the data comprises copying text into a data file.

          17. The method of claim 10, wherein processing the data comprises extracting frames from the video clips.

          18. The method of claim 10, wherein processing the data comprises extracting closed captioning information from the video clips.

          19. The method of claim 11, wherein processing the data comprises extracting key words from the audio clips.

          20. The method of claim 16, wherein copying the text comprises initially copying the text to a text object.

          21. The method of claim 1, wherein assembling the digital assets, compressed data, and the data in the data file into an executable file comprises:

          creating a single output file;

5            copying executable code to the output file;  
             writing destination information to the output file to  
             designate the destination directory of the executable file;  
             writing plural blocks of data to the output file, each block  
             containing identification information and corresponding data;  
10           writing a block containing a clean-up program to the output  
             file if the destination information corresponds to a temporary  
             file; and  
             writing auto-start file information to the output file to  
             designate a file to be opened when the output file is executed, if  
5           an auto-start file is specified by an author.

22. The method of claim 21, wherein writing plural blocks  
comprises writing the corresponding data in a compressed format.

20           23. The method of claim 21, wherein writing the blocks  
comprises writing a block start flag for each block.

24. The method of claim 21, further including receiving user  
input to identify the destination directory.

25           25. The method of claim 21, further including writing a  
source-identifying block to the output file to indicate the source  
of the file.

30           26. The method of claim 1, further comprising:

5 (a) providing plural templates, each having command parameters and plural tags, wherein the tags include instructions for insertion of particular data;

(b) retrieving one of the templates;

10 (c) processing the command parameters to determine the template identity;

(d) accessing corresponding data based on the template identity;

(e) processing one of the tags in the template to determine the data to be inserted in place of the tag;

5 (f) extracting a corresponding portion of the accessed data and inserting the data into the template in place of the tag; and

(g) repeating steps (e) and (f) until all of the tags in the template have been processed.

20 27. The method of claim 26, further including repeating steps (b) through (g) until all of the templates have been processed.

28. The method of claim 26, wherein accessing corresponding data comprises accessing data in a playlist object.

25 29. The method of claim 26, wherein each template includes a hierarchy of tags.

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saving the information in the block if the information contains auto-start path information.

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5 displaying one of the digital assets based on the comparison of the position with the event data;

calculating a timeout based on the determined position and the event data;

setting a clock to fire upon reaching the timeout;

10 initiating a polling process when the clock fires to determine the position of the display;

displaying a different digital asset based on a comparison of the determined position with the event data; and

calculating a new timeout and resetting the clock to fire upon reaching the new timeout.

33. The method of claim 32, wherein comparing the determined position with the event data comprises comparing the determined position with event data related to a slide.

34. The method of claim 32, wherein comparing the determined position with event data comprises comparing the determined position with event data related to text data.

25 35. The method of claim 32, wherein determining the current position comprises determining the position within a continuous stream media file.

36. A method of processing a set of data, comprising:

30 receiving plural digital assets;

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processing the respective assets to extract particular information contained in the assets, and writing the information to a data file;

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37. The method of claim 36, wherein receiving the assets comprises receiving the assets from a disk.

38. The method of claim 36, wherein receiving the assets comprises receiving the assets from an author creating the assets.

39. The method of claim 35, wherein receiving the assets comprises receiving the assets over a communication network.

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5           41. The method of claim 35, wherein compressing the single  
file comprises compressing the single file using a compression  
format selected by an author of the presentation.

10           42. The method of claim 35, wherein receiving plural digital  
assets comprises receiving plural screen slides.

          43. The method of claim 35, wherein receiving plural digital  
assets comprises receiving spread sheet data.

5           44. The method of claim 35, wherein receiving plural digital  
assets comprises receiving plural video clips.

20           45. The method of claim 35, wherein receiving continuous  
stream media clips comprises receiving audio clips.

          46. The method of claim 35, wherein receiving continuous  
stream media clips comprises receiving video clips.

25           47. The method of claim 35, wherein receiving continuous  
stream media clips comprises receiving clips of animation.

          48. The method of claim 35, wherein receiving continuous  
stream media clips comprises receiving audio and video clips.

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5           49. The method of claim 35, wherein receiving continuous stream media clips comprises receiving telemetry clips.

          50. The method of claim 42, wherein processing the assets comprises copying text from the screen slides.

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          51. The method of claim 44, wherein processing the assets comprises extracting frames from the video clips.

          52. The method of claim 44, wherein processing the assets comprises extracting closed captioning information from the video clips.

          53. The method of claim 45, wherein processing the assets comprises extracting key words from the audio clips.

          54. The method of claim 50, wherein copying the text comprises initially copying the text to a text object.

          55. The method of claim 42, wherein storing the respective assets comprises storing the screen slides in a graphical file format.

          56. A method of processing data, comprising:

          (a) receiving plural sets of data for insertion into respective digital assets;

5 (b) creating the assets, wherein each asset includes the corresponding data;

(c) receiving a request from a user to select one of the assets for linking a corresponding continuous stream media clip;

10 (d) receiving the continuous stream media clip for the selected asset;

(e) repeating steps (c) and (d) one or more times;

(f) compressing the assets and corresponding clips; and

(g) assembling the compressed data into an executable file.

57. The method of claim 56, further comprising collecting timing information from the respective assets, and wherein assembling includes assembling the timing information with the compressed data.

58. The method of claim 56, wherein receiving the data comprises receiving the data from a disk.

59. The method of claim 56, wherein receiving the data comprises receiving the data from an author.

60. The method of claim 56, wherein receiving the data comprises receiving the data over a communication network.

5           61. The method of claim 56, wherein compressing the data  
comprises compressing the data using a compression format selected  
by an author.

10           62. The method of claim 56, wherein receiving plural sets of  
data comprises receiving data for insertion into respective screen  
slides.

5           63. The method of claim 56, wherein receiving plural sets of  
data comprises receiving data for insertion into a spread sheet.

          64. The method of claim 56, wherein receiving plural sets of  
data comprises receiving plural video clips.

20           65. The method of claim 56, wherein receiving continuous  
stream media clips comprises receiving audio clips.

          66. The method of claim 56, wherein receiving continuous  
stream media clips comprises receiving video clips.

25           67. The method of claim 56, wherein receiving continuous  
stream media clips comprises receiving clips of animation.

          68. The method of claim 56, wherein receiving continuous  
stream media clips comprises receiving audio and video clips.

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5           69. The method of claim 56, wherein receiving continuous stream media clips comprises receiving telemetry clips.

70. The method of claim 62, wherein processing the data comprises copying the text to be inserted into the screen slides.

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71. The method of claim 64, wherein processing the data comprises extracting frames from the video clips.

72. The method of claim 64, wherein processing the data comprises extracting closed captioning information from the video clips.

73. The method of claim 65, wherein processing the data comprises extracting key words from the audio clips.

74. The method of claim 69, wherein copying the text comprises initially copying the text to a text object.

75. The method of claim 56, further including converting each screen slide into a graphics format file prior to compressing the screen slides.